

ABSTRACT

Techniques for dynamically and automatically incorporating storage capacity of a remote storage device into one or more existing logical storage volumes when a remote network attached storage (NAS) device is attached to a network. A NAS master coupled to the network includes a NAS sensing module configured to detect the attachment of the remote NAS storage device to a network. A NAS management module executing within the NAS master is configured to interact with a logical volume manager (LVM) and automatically incorporate storage capacity of the detected remote storage device into the existing logical storage volumes.